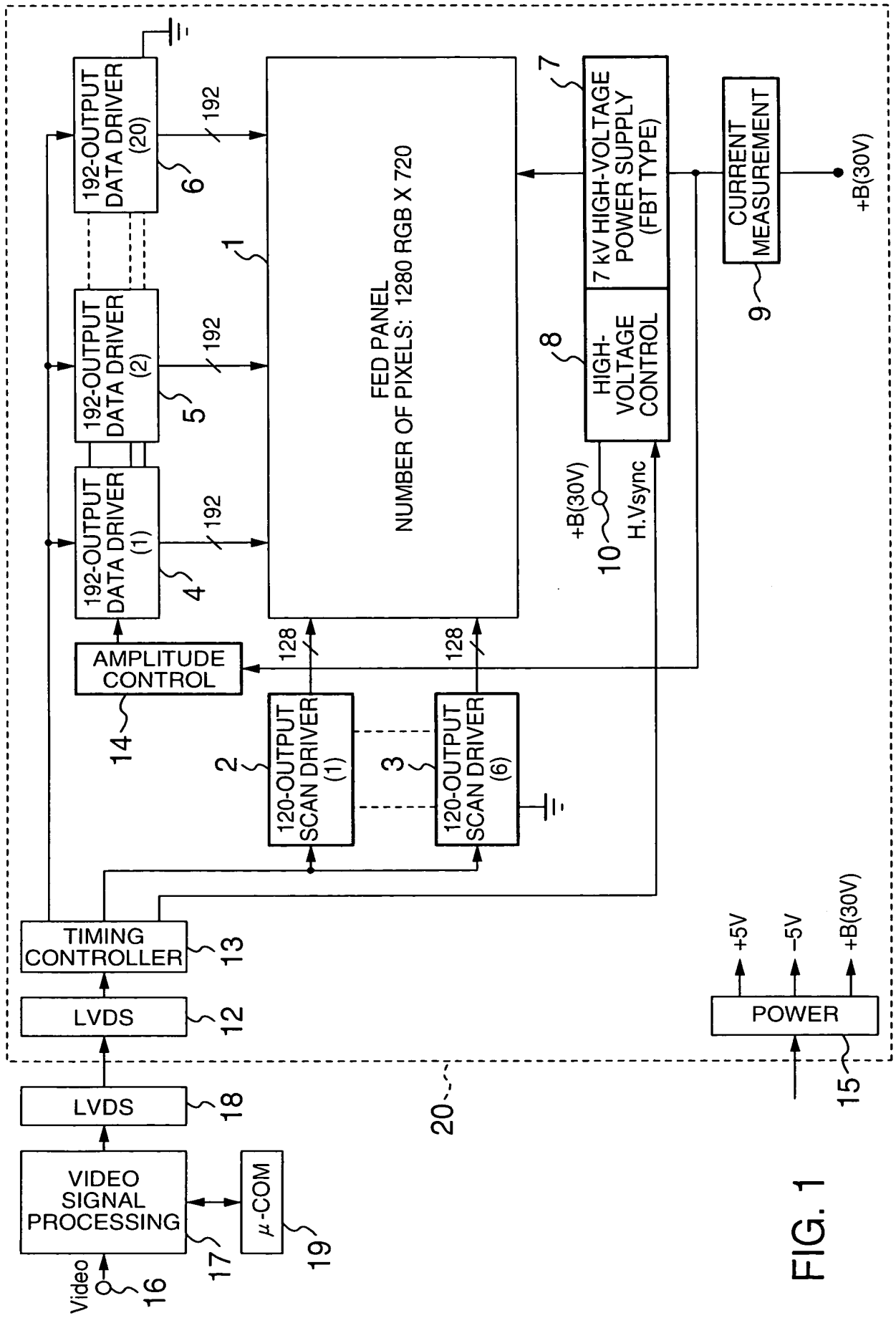
192-OUTPUT DATA DRIVER (20)
192-OUTPUT DATA DRIVER (2)
192-OUTPUT DATA DRIVER (1)
FED PANEL
NUMBER OF PIXELS: 1280 RGB X 720
7 kV HIGH-VOLTAGE POWER SUPPLY (FBT TYPE)
HIGH-VOLTAGE CONTROL
CURRENT MEASUREMENT
+B(30V)
H.Vsync
AMPLITUDE CONTROL
120-OUTPUT SCAN DRIVER (1)
120-OUTPUT SCAN DRIVER (6)
TIMING CONTROLLER
LVDS
LVDS
VIDEO SIGNAL PROCESSING
μ-COM
Video
POWER
+5V
-5V
+B(30V)
192
128
1
2
3
4
5
6
7
8
9
10
12
13
14
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16
17
18
19
20

FIG. 1

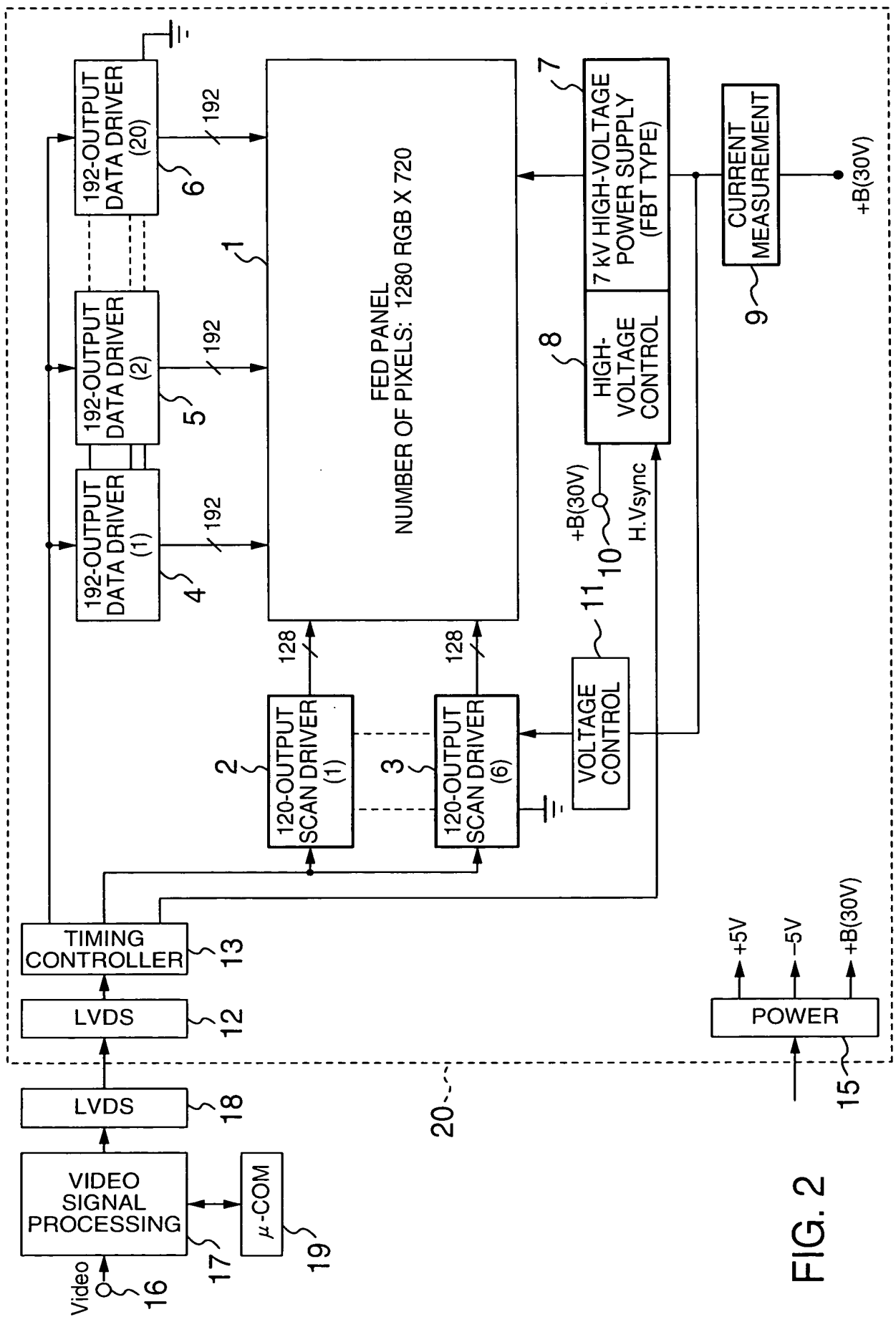
192-OUTPUT DATA DRIVER (20)
192-OUTPUT DATA DRIVER (2)
192-OUTPUT DATA DRIVER (1)
192
6
5
4
1
FED PANEL
NUMBER OF PIXELS: 1280 RGB X 720
7
7 kV HIGH-VOLTAGE POWER SUPPLY (FBT TYPE)
CURRENT MEASUREMENT
+B(30V)
9
8
HIGH-VOLTAGE CONTROL
+B(30V)
H.Vsync
10
11
128
120-OUTPUT SCAN DRIVER (1)
120-OUTPUT SCAN DRIVER (6)
2
3
VOLTAGE CONTROL
TIMING CONTROLLER
13
LVDS
12
LVDS
18
VIDEO SIGNAL PROCESSING
17
μ-COM
19
Video
16
20
+5V
-5V
+B(30V)
POWER
15

FIG. 2

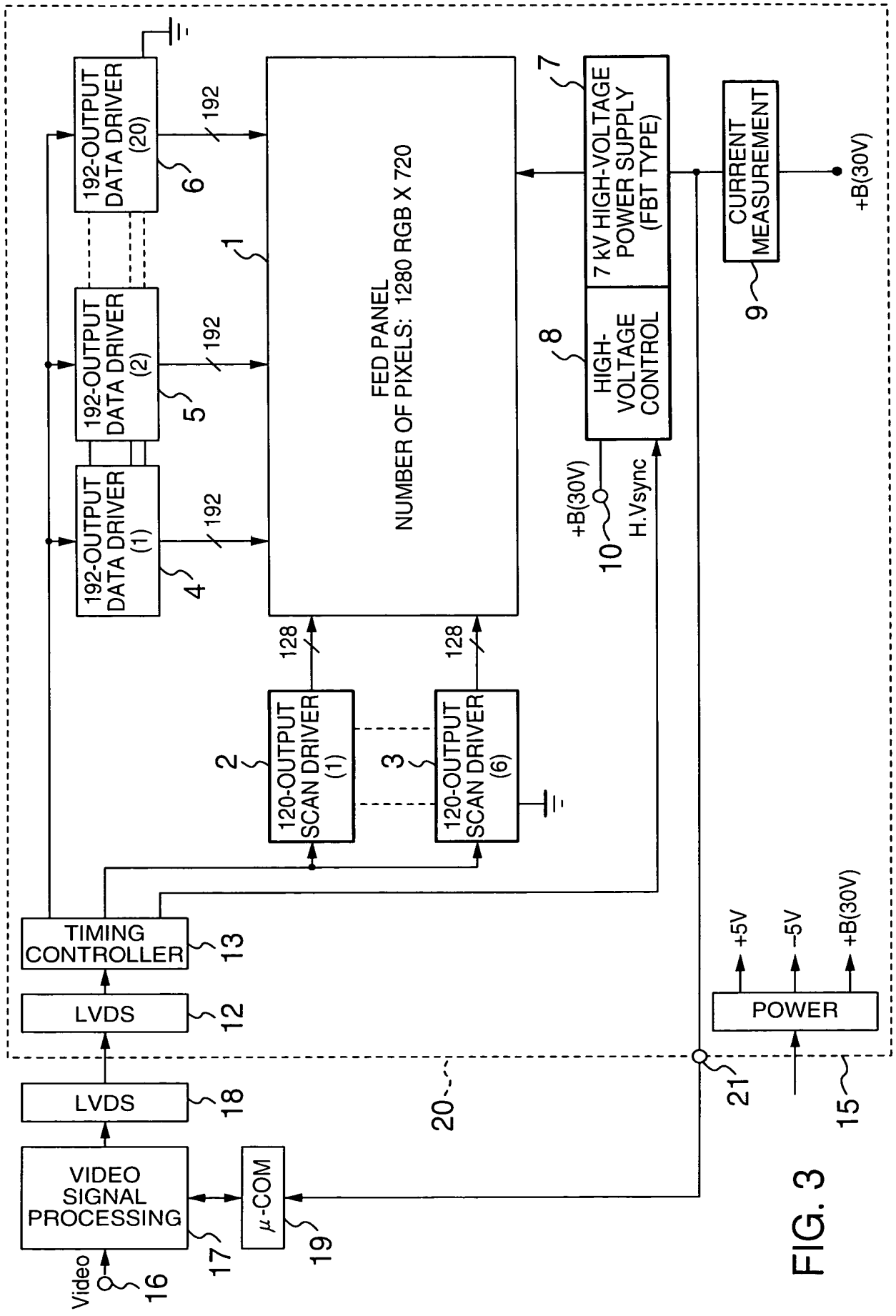
192-OUTPUT DATA DRIVER (20)
192-OUTPUT DATA DRIVER (2)
192-OUTPUT DATA DRIVER (1)
192
FED PANEL
NUMBER OF PIXELS: 1280 RGB X 720
7 kV HIGH-VOLTAGE POWER SUPPLY (FBT TYPE)
HIGH-VOLTAGE CONTROL
CURRENT MEASUREMENT
+B(30V)
H.Vsync
128
120-OUTPUT SCAN DRIVER (1)
120-OUTPUT SCAN DRIVER (6)
TIMING CONTROLLER
LVDS
LVDS
VIDEO SIGNAL PROCESSING
μ-COM
Video
POWER
+5V
-5V
+B(30V)
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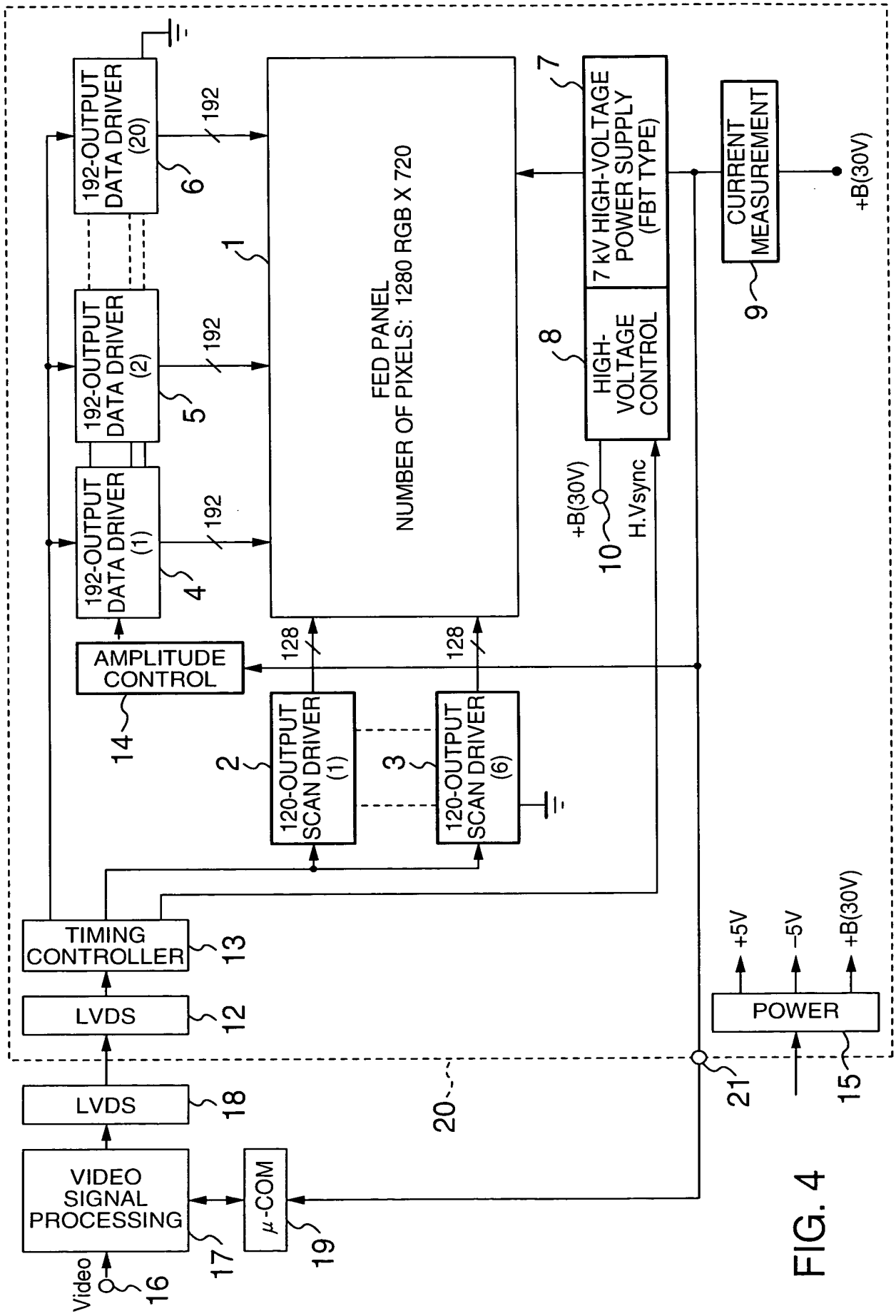
FIG. 3


192-OUTPUT DATA DRIVER (20)
192-OUTPUT DATA DRIVER (2)
192-OUTPUT DATA DRIVER (1)
192
6
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4
1
FED PANEL
NUMBER OF PIXELS: 1280 RGB X 720
7
7 kV HIGH-VOLTAGE POWER SUPPLY (FBT TYPE)
8
HIGH-VOLTAGE CONTROL
CURRENT MEASUREMENT
9
+B(30V)
10
H.Vsync
AMPLITUDE CONTROL
14
128
120-OUTPUT SCAN DRIVER (1)
120-OUTPUT SCAN DRIVER (6)
2
3
TIMING CONTROLLER
13
LVDS
12
LVDS
18
VIDEO SIGNAL PROCESSING
17
μ-COM
19
Video
16
20
21
POWER
+5V
-5V
+B(30V)
15

FIG. 4

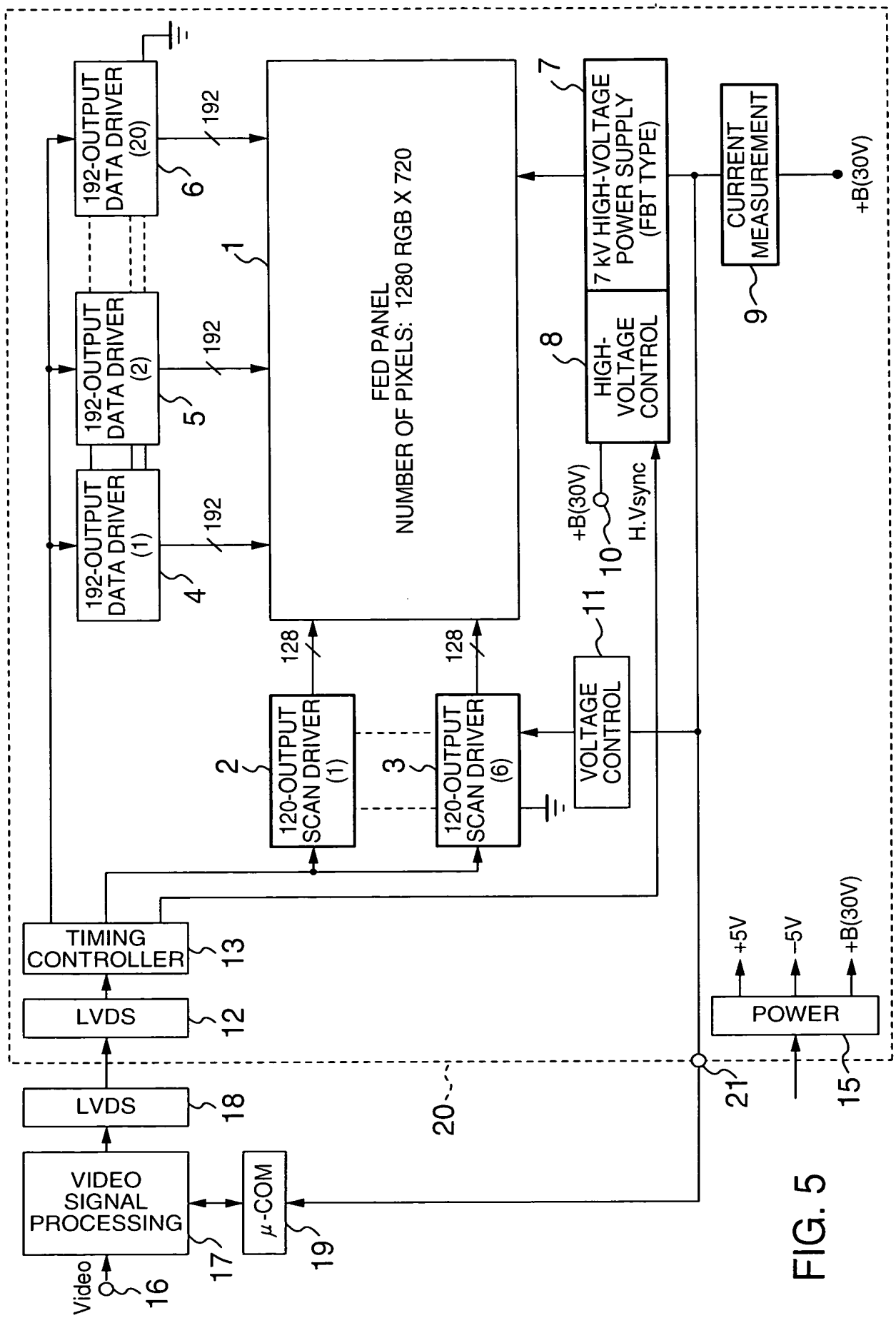
192-OUTPUT DATA DRIVER (20)
192-OUTPUT DATA DRIVER (2)
192-OUTPUT DATA DRIVER (1)
192
FED PANEL
NUMBER OF PIXELS: 1280 RGB X 720
7 kV HIGH-VOLTAGE POWER SUPPLY (FBT TYPE)
CURRENT MEASUREMENT
+B(30V)
HIGH-VOLTAGE CONTROL
+B(30V)
H.Vsync
VOLTAGE CONTROL
128
120-OUTPUT SCAN DRIVER (1)
120-OUTPUT SCAN DRIVER (6)
TIMING CONTROLLER
LVDS
LVDS
VIDEO SIGNAL PROCESSING
μ-COM
Video
POWER
+5V
-5V
+B(30V)
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FIG. 5